

## CLAIMS

What is claimed is:

1. A method of treatment, comprising:
  - a) providing:
    - i) a human neonate, wherein said human neonate has symptoms of necrotizing enterocolitis;
    - ii) a therapeutic formulation comprising polyclonal antibodies directed to TNF, and;
  - b) administering said formulation to said human neonate.
2. The method of Claim 1, wherein said administering is performed intravenously.
3. The method of Claim 1, wherein said administering is performed orally.
4. The method of Claim 1, wherein said administering is performed parenterally.
5. The method of Claim 1, wherein said administering is performed rectally.
6. The method of Claim 1, wherein said polyclonal antibody comprises polyclonal avian antibody.
7. The method of Claim 6, wherein said polyclonal avian antibody comprises chicken antibody.
8. The method of Claim 7, wherein said chicken antibody is derived from chicken eggs.

9. A method of treatment, comprising:

- a) providing:
  - i) a neonate at risk for necrotizing enterocolitis,
  - ii) a therapeutic formulation comprising polyclonal antibody directed to TNF, and;
- b) administering said formulation to the lumen of the intestine of said neonate.

10. The method of Claim 9, wherein said neonate is a low birth weight neonate.

11. The method of Claim 9, wherein said administering reduces said symptoms.

12. The method of Claim 9, wherein said administering is performed orally.

13. The method of Claim 9, wherein said administering is performed parenterally.

14. The method of Claim 9, wherein said administering is performed rectally.